

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
**WO 2005/075088 A2**

(51) International Patent Classification<sup>7</sup>:

**B05B**

[US/US]; 1253 Virginia Avenue, Lakewood, OH 44107 (US). TURNER, Herman, E. [US/US]; 1944 Fowl Road, Elyria, OH 44035 (US). KREEGER, Kenneth, A. [US/US]; 38775, Arbor Court, Grafton, OH 44044 (US). SCHROEDER, Joseph, G. [US/US]; 11988 Firefly Drive, North Royalton, OH 44133 (US).

(21) International Application Number:

PCT/US2005/003352

(22) International Filing Date: 28 January 2005 (28.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/540,548 30 January 2004 (30.01.2004) US

(71) Applicant (for all designated States except US): NORD-SON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): STRACK, Gregory, J. [US/US]; 8331 Barton Drive, Strongsville, OH 44149 (US). PERKINS, Jeffrey, A. [US/US]; 609 Gray Hawk Circle, Amherst, OH 44001 (US). SKELTON-BECKER, Cynthia, Anne [US/US]; 22392 Sunnyhill Drive, Rocky River, OH 44116 (US). NEMETHY, Stephen, G.

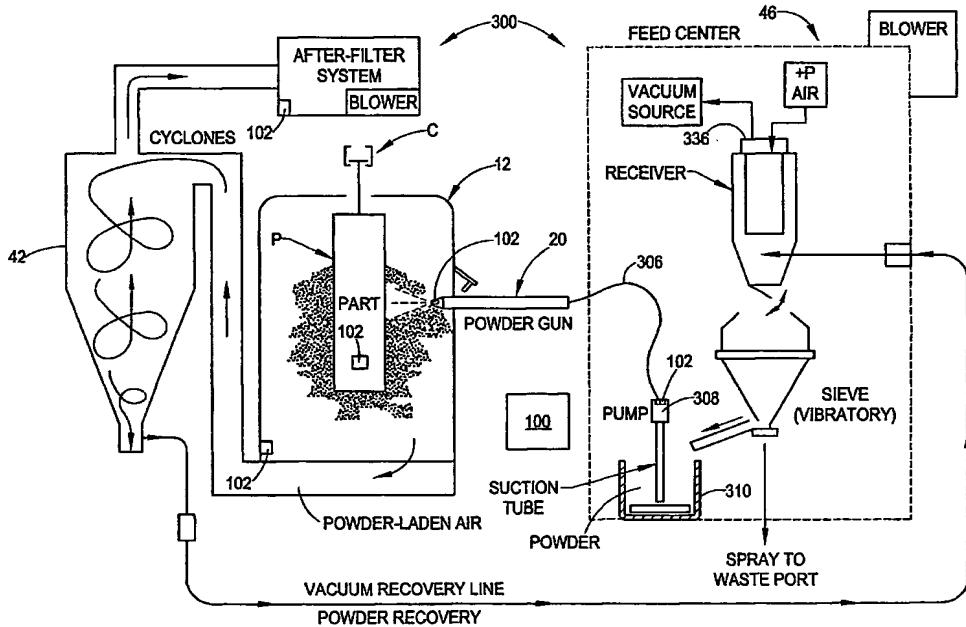
(74) Agent: LEWIS, Leonard, L.; Calfee, Halter & Griswold, LLP, 800 Superior Avenue, Suite 1400, Cleveland, OH 44114 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

*[Continued on next page]*

(54) Title: MATERIAL APPLICATION SYSTEM HAVING COMPONENT WITH WIRELESS IDENTIFICATION CAPABILITIES



WO 2005/075088 A2

(57) Abstract: Material application system provided with a wireless identification technology for parts being processed and for components of the material application system. An exemplary technology is RFID. The RFID device can be used for many different functions including part identification, repair and maintenance programs, and inventory control.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

- *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

- *without international search report and to be republished upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*